

INNOVATIVE METHODOLOGY FOR DETECTION
OF
FRACTURE-CONTROLLED SWEET SPOTS
IN THE
NORTHERN APPALACHIAN BASIN

June 1, 2000-March 31, 2007

TOPICAL REPORT #5

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ABSTRACT

This Topical Report (#5 of 9) consists of the figures 3.6-7 to (and including) 3.6-12 (and appropriate figure captions) that accompany the Final Technical Progress Report entitled: “Innovative Methodology for Detection of Fracture-Controlled Sweet Spots in the Northern Appalachian Basin” for DOE/NETL Award DE-AC26-00NT40698.

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LIST OF GRAPHICAL MATERIALS

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FIGURE 3.6-11. Regional Isopach Map: “F” Salt.

FIGURE 3.6-12. Detailed Isopach Map: “F” Salt.

FIGURE CAPTIONS FOR TOPICAL REPORT #5

FIGURE 3.6-7. Regional Structure Contour Map: Top of Black River.

Contour interval = 50 ft. (15 m). Red box in center indicates location of Figure 3.6-8.

FIGURE 3.6-8. Detailed Structure Contour Map: Top of Black River.

Contour interval = 50 ft. (15 m). Location shown as red box in Figure 3.6-7.

FIGURE 3.6-9. Regional Isopach Map: Onondaga to “F” Salt.

Contour interval = 20 ft. (6 m). Red box in center indicates location of Figure 3.6-10.

FIGURE 3.6-10. Detailed Isopach Map: Onondaga to “F” Salt.

Contour interval = 20 ft. (6 m). Location shown as red box in Figure 3.6-9.

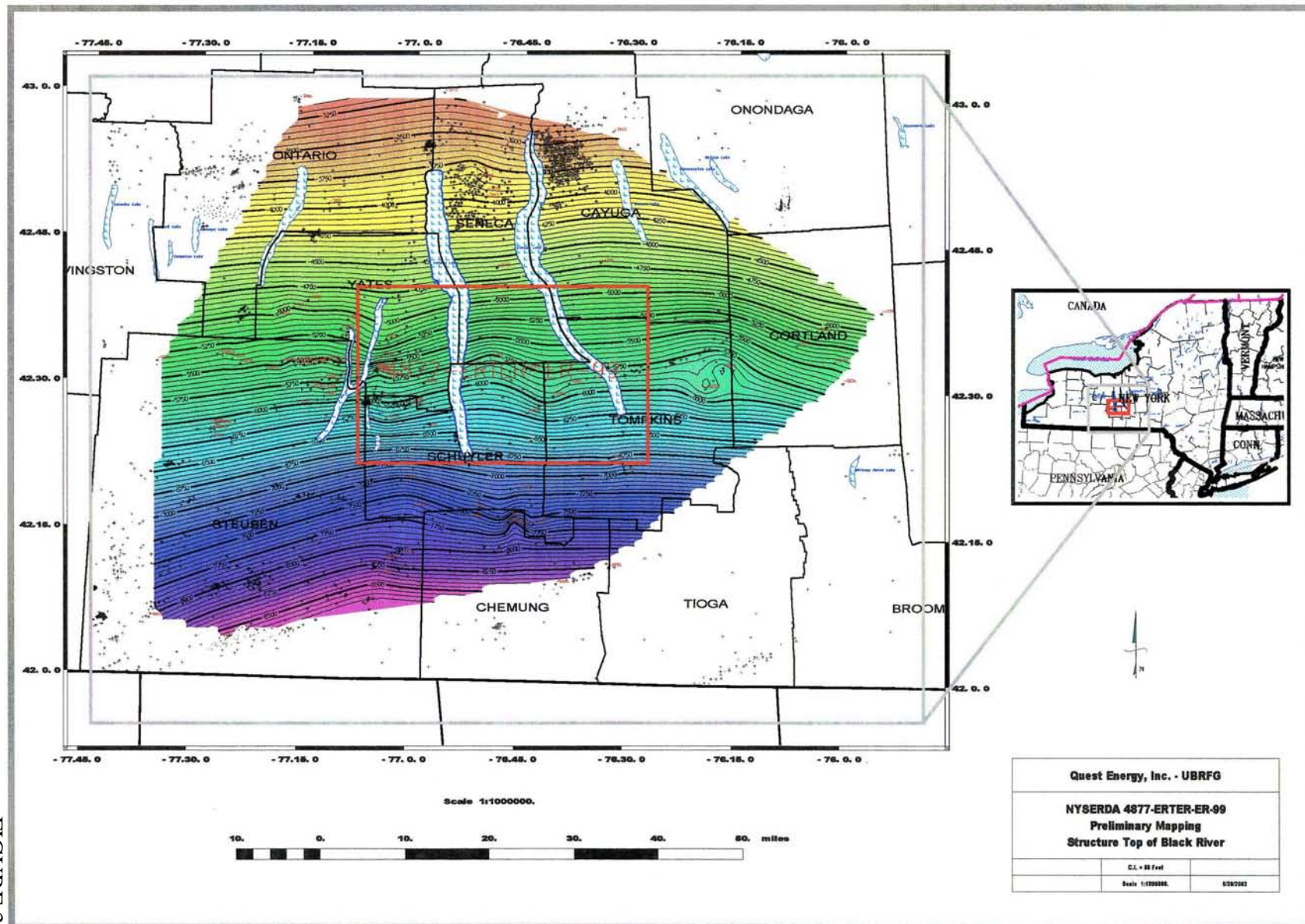
FIGURE 3.6-11. Regional Isopach Map: “F” Salt.

Contour interval = 20 ft. (6 m). Red box in center indicates location of Figure 3.6-12.

FIGURE 3.6-12. Detailed Isopach Map: “F” Salt.

Contour interval = 20 ft. (6 m). Location shown as red box in Figure 3.6-11.

FIGURE 3.6-7



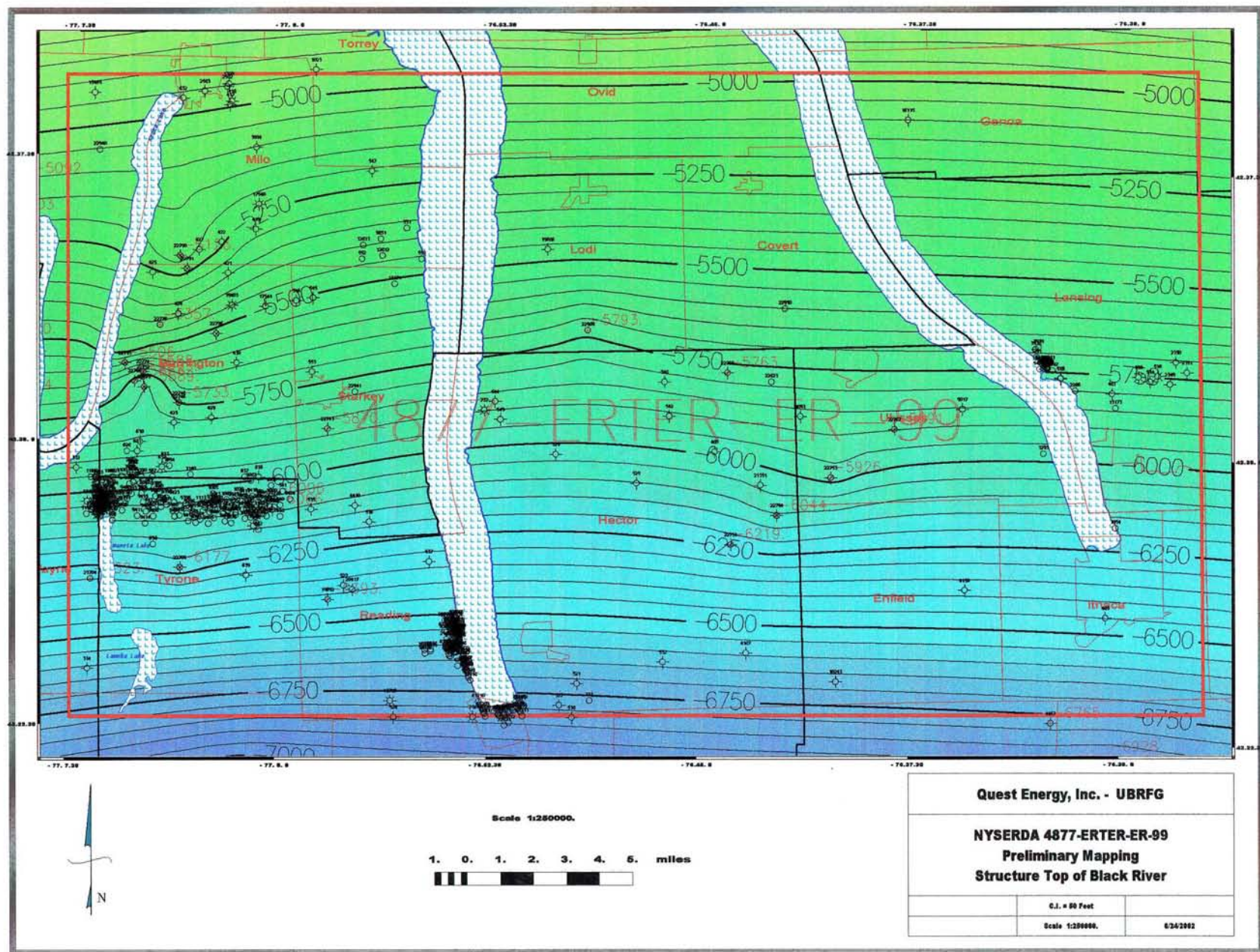


FIGURE 3.6-8

FIGURE 3.6-9

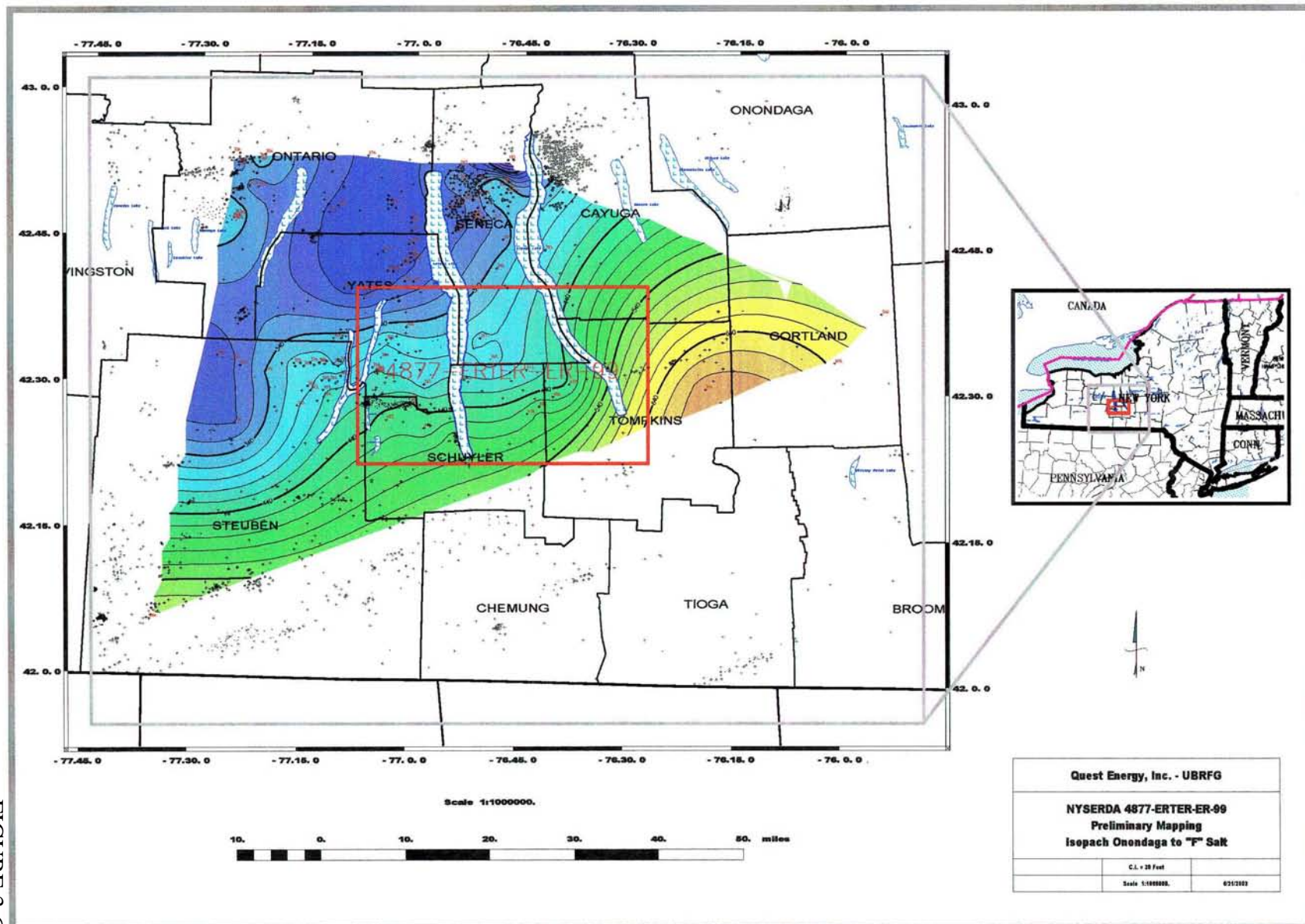


FIGURE 3.6-10

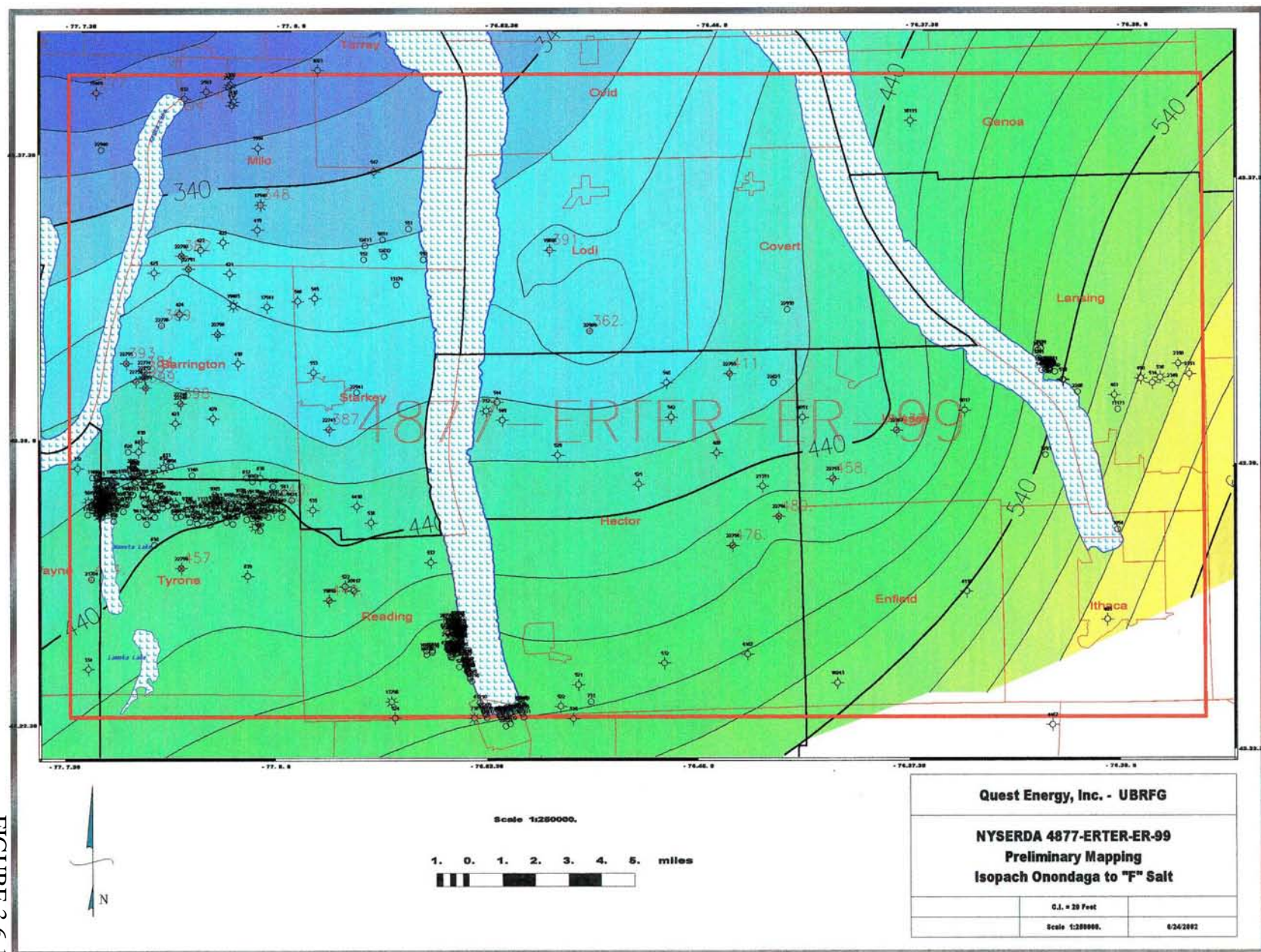
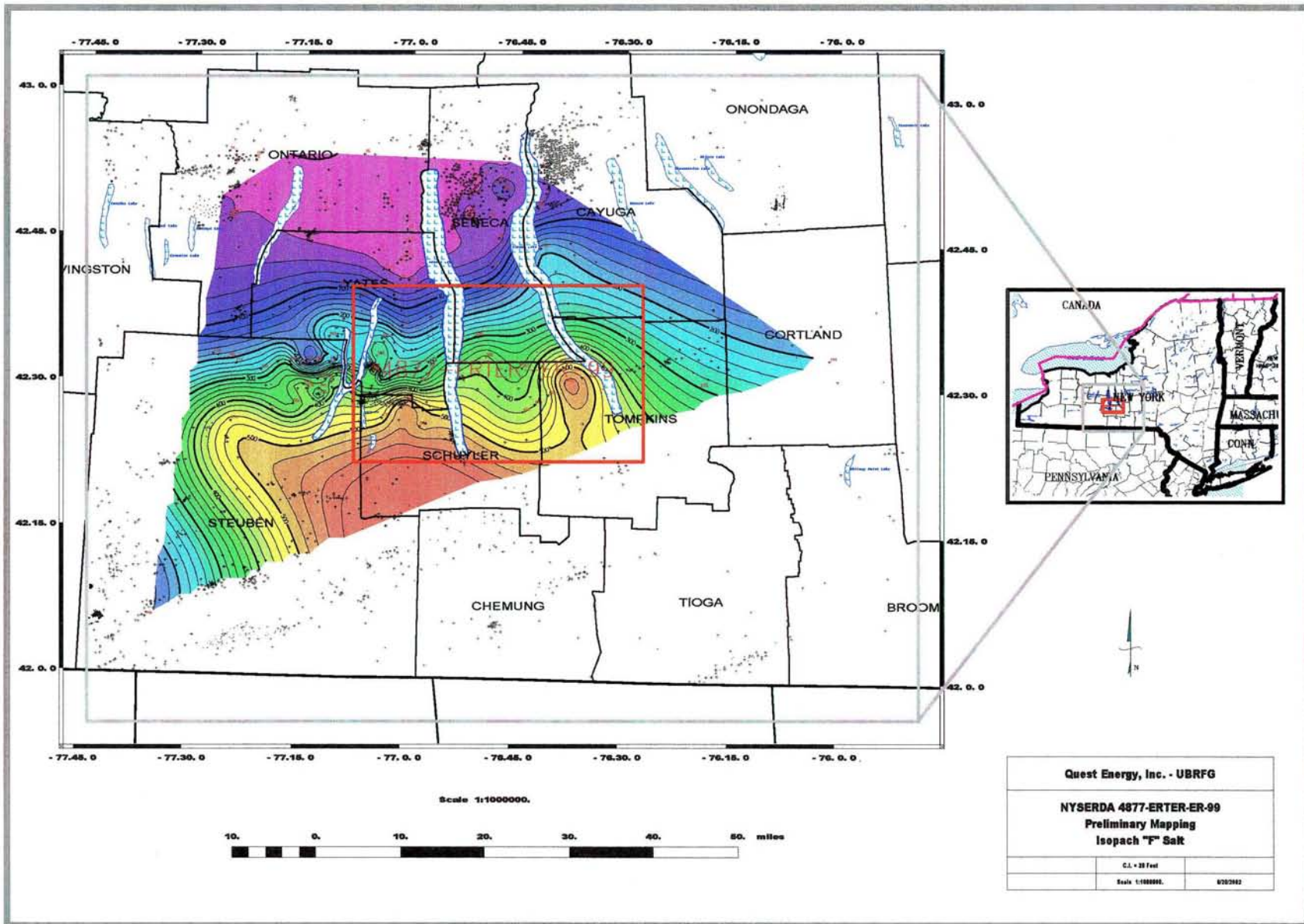


FIGURE 3.6-11



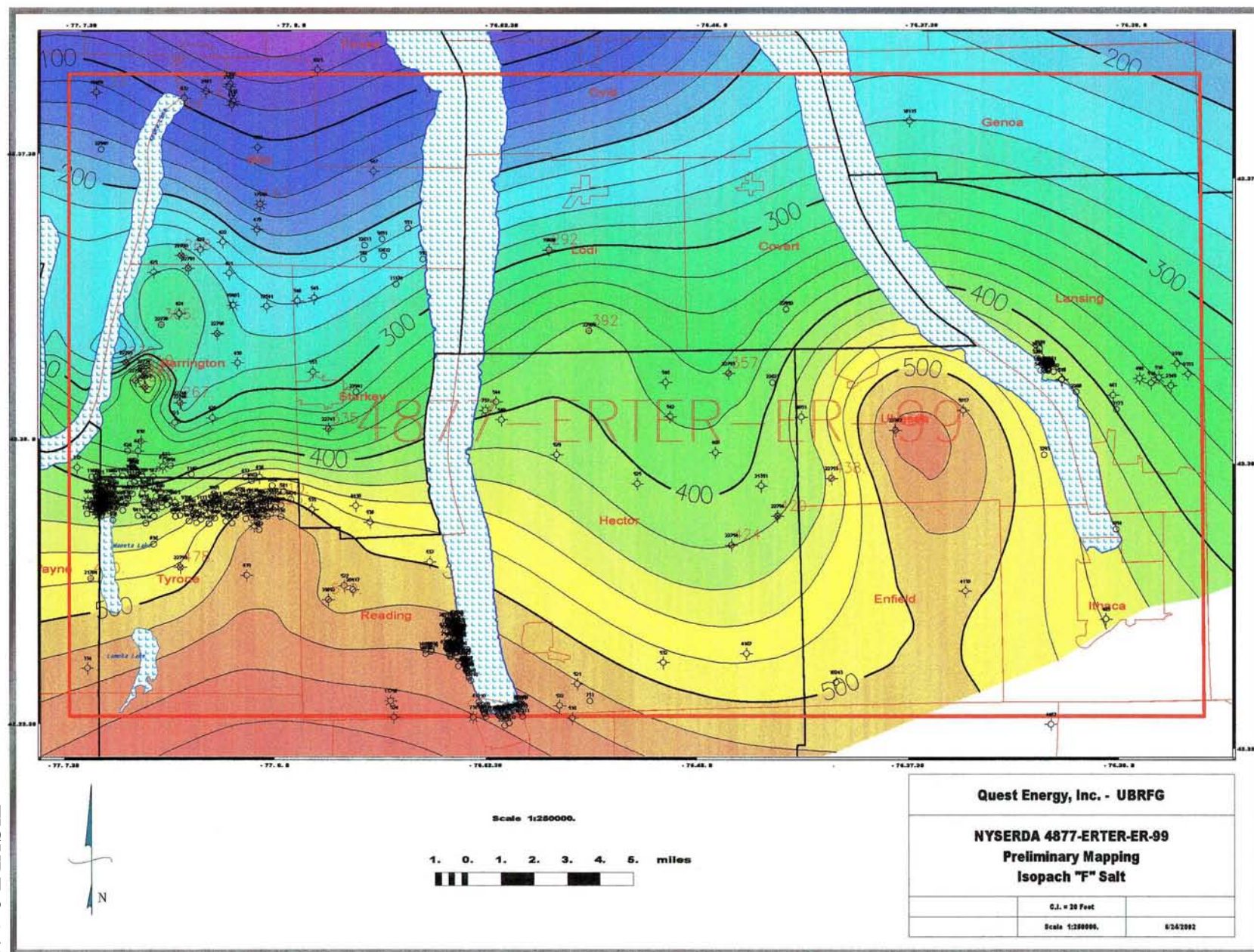


FIGURE 3.6-12